

Attorney Docket No. VRBA.P007.B

Please replace any previous claims with the following claims:

1-11. (Cancelled)

12. (Previously presented) A traffic control system for use in reducing traffic congestion including: a plurality of non-negative acceleration limitation control units, each of said plurality of control units including a reception unit and a transmission unit, wherein a plurality of said reception units may be controlled by one of said transmission units; each of said plurality of reception units operatively coupled with a vehicle's acceleration system; wherein at least a portion of said non-negative acceleration limitation control units are activated when a speed detection device detects that a vehicle has reached a low threshold speed, wherein said reception units are activated by a transmitter at an entrance to a traffic congestion reduction zone

wherein said acceleration of a first vehicle controlled by a first of said non-negative acceleration limitation control units is always less than a second vehicle being controlled by a second of said non-negative acceleration limitation control units, when said transmitter is active.

13. (Original) A device for assisting the control of traffic congestion including: a non-negative acceleration governor operatively coupled to a vehicle acceleration capability, wherein said non-negative acceleration governor cannot limit the positive acceleration of said vehicle unless the speed of a vehicle reaches a low threshold; and an activation device coupled to said non-negative acceleration governor, wherein said non-negative acceleration governor is activated only by said activation device .

14. (Original) The device as recited in claim 13 further comprising a distance detection device in said activation unit, said distance detection device being for detecting a distance between two vehicles.

Attorney Docket No. VRBA.P007.B

15. (Original) The device as recited in claim 14, where said activation unit activates said non-negative acceleration unit when a threshold distance is detected.
16. (Original) The device as recited in claim 13, wherein said low threshold speed is zero.
17. (Original) The device as recited in claim 13, further including a receiver operatively coupled to said activation device.
18. (Original) The device as recited in claim 17, wherein said receiver is configured to receive EMF signals corresponding to a non-negative acceleration limit, said activation device translating said EMF signals and providing them to said non-negative acceleration governor.
19. (Currently amended) A method for reducing traffic congestion including the acts of: placing a plurality of non-negative acceleration limiting reception devices in each of a plurality of vehicles; activating at least one of said plurality of non-negative acceleration limiting reception devices in a congestion reduction zone; and transmitting instructions to at least one of said plurality of non-negative acceleration limiting reception devices in at least one vehicle located in said congestion reduction zone, wherein said transmitted instructions cause the non-negative acceleration of a first vehicle to be limited to less than that of a second vehicle that is physically located in front of said first vehicle.
20. (Original) The traffic congestion reduction method as recited in claim 19, wherein said activation takes place when a traffic event is detected.
21. (Currently amended) The traffic congestion reduction method as recited in claim 19, further including the step of deactivating said at least one of said plurality of non-negative acceleration limiting device.

Attorney Docket No. VRBA.P007.B

22. (Currently amended) The traffic congestion reduction method as recited in claim 19, wherein said transmitter is located at the base on an on-ramp, such that a vehicle may not enter a highway until instructions are transmitted to said non-negative acceleration limited reception device.

23. Cancelled